LF560TX

10/100M Fast Ethernet V.90/K56flex 56K Fax/Modem Multifunction PC Card

Connecting to Your LAN and WAN in One PC Card
The perfect solution for your LAN/WAN applications in one PC card. The 16-bit PC Card LF560TX multifunction adapter combines both 10/100M dual speed Fast Ethernet and power of V.90/K56flex dual mode 56K fax/modem that lets you perform multiple communication tasks at the same time. The LF560TX lets you dial into any on-line services, ISPs through highest 56 (up-stream)/33.6 (down-stream) Kbps fax/modem, and hook up to Ethernet with easy plugging in RJ-45 cable. You can run both LAN + fax/modem function simultaneously that makes your applications convenient and saves your limited PCMCIA slot resource. With the tightly integrated networking and fax/modem communications, the users do not need to juggle multiple cards for concurrent use of LAN and WAN, and the detachable interface connectors get the real convenience of two cards in one.

Broad Wide Compatibility
LF560TX is ready to run with the latest 32-bit Network Operating System (NOS) like Windows 98, Windows 95 and Windows NT. The included NOS drivers ensure the compatibility to the widely used networking environments, such as Novell Netware, Microsoft LAN Manager, TCP/IP, and more.

The broad Card and Socket Services (CSS) compatibility also makes the user trouble-free for their Internet and Intranet connections. For those who prefer not to us CSSes, LF560TX includes a point enabler for the multifunction card. Moreover the fantastic features of 10/100M auto-negotiation and V.90/K56flex auto-sensing cleans away the backward compatible troubles.

Easy of Installation
The LF560TX is Microsoft Plug and Play compatible, the installation of multifunction card under Windows 95 is as easy as a normal fax/modem PC Card. For notebooks running with DOS or Netware Client, the included menu-driven installation utility and LAN diagnostics program eliminate installation problems.

FEATURES
- Compatible with both traditional PCMCIA slot and advanced 32-bit CardBus slot.
- 10M or 100M data rate (Ethernet) auto-negotiation.
- V.90 or K56flex data mode (modem) auto-sensing.
- Features Ethernet full-duplex mode that doubles the network connection speed.
- Digital line protection to protect modem against connecting to high current digital PABX.
- PCMCIA client enabler support.
- Wide range of PCMCIA Card/Socket Services (CSS) support.
- Concurrent use of Fast Ethernet LAN and fax/modem operation.
- Support all major Network Operating Systems (NOS).
- Menu-driven installation utility and LAN diagnostics program included.
- PC card hot swap support.

Specifications

Fax/Modem
Modem Operating Protocol
- V.90 (down-stream up to 56,000 bps)
- K56flex (down-stream up to 56,000 bps)
- V.34bis (up to 33,600 bps)
- V.34 (2,400 to 28,800 bps)
- V.32bis, V.32, V.22bis, V.23, V.22/Bell 212A, V.21/Bell 103

Error Correction & Data Compression
- V.42/V.42bis and MNP Class 2 to 5

Fax Compatibility
- Group 3 send and receive
- EIA Class 1 fax commands
- V.17 (14.4K bps), V.29 (9.6K bps), V.27ter (4.8K bps), V.21 (300 bps)

Dialing Capability
- DTMF tone and rotary pulse

Operating Modes
- Asynchronous full duplex
- Manual/Automatic answer

Receive Sensitivity
- -40 dBm

Transmit Level
- Permissive -10 (+/-1) dBm

Telephone Line Interface
- RJ-11, 2-wire dial-up

Ethernet LAN Standards
Network Standard & Interface
- IEEE 802.3 (10BaseT)
- IEEE 802.3u (100BaseTX)

PCMCIA Card/Socket Service Support
- PCMCIA PC Card standard version 2.0 and newer

Network Operating System & Software Support
- Windows 2000/98, Windows 95 & OSR2, Windows NT 4.x/3.x, Windows 3.x, DOS, Linux OS, Novell Netware Client, Personal Netware, Netware IPX/SPX, Microsoft LAN Manager, Artisoft LANtastic, IBM LAN Support, FTP TCP/IP, Banyan VINES, Packet Driver, and more.

Interrupt & I/O Address Base Selection
- IRQ: 3, 4, 5, 7, 9, 10, 11, 12, 15
- I/O base for LAN: 220, 300, 320, 340
- I/O base for fax/modem: COM 2, COM 3, COM 4

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